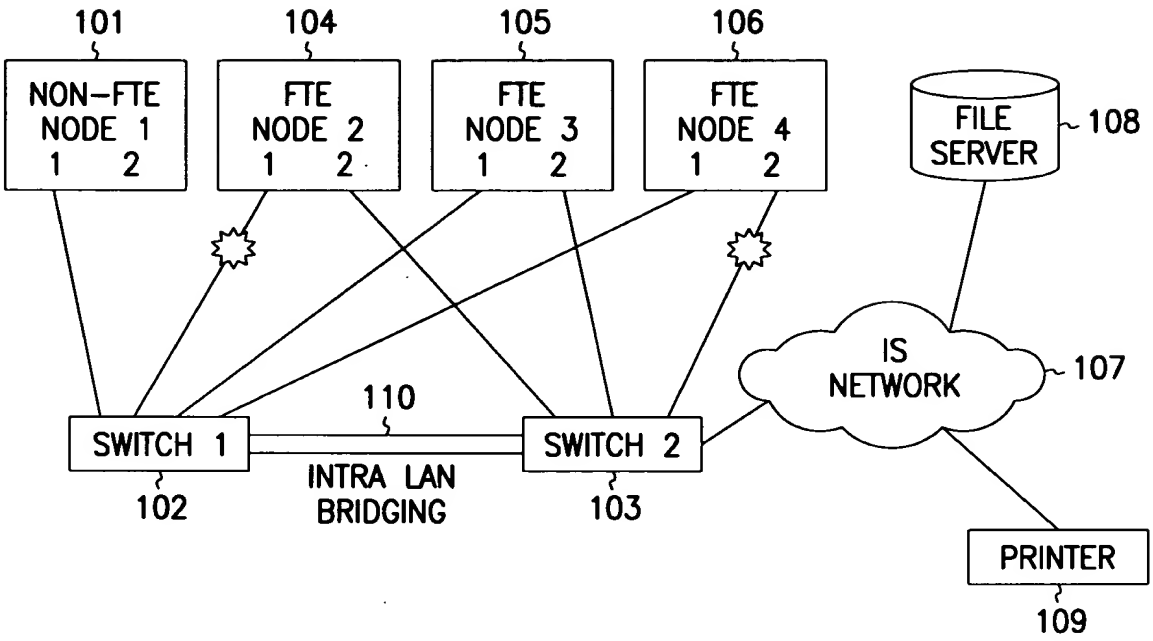

FIG. 1

NODE 4 NETWORK STATUS TABLE

	RECEIVED DATA OK				OTHER NODE REPORT DATA			
NODE#	1→2	2→1	2→2	1→1	1→2	2→1	2→2	1→1
1	X	–	–	OK	–	X	–	OK
2	X	OK	X	X	OK	X	X	X
3	X	OK	X	OK	OK	X	X	OK
–								

FIG. 2

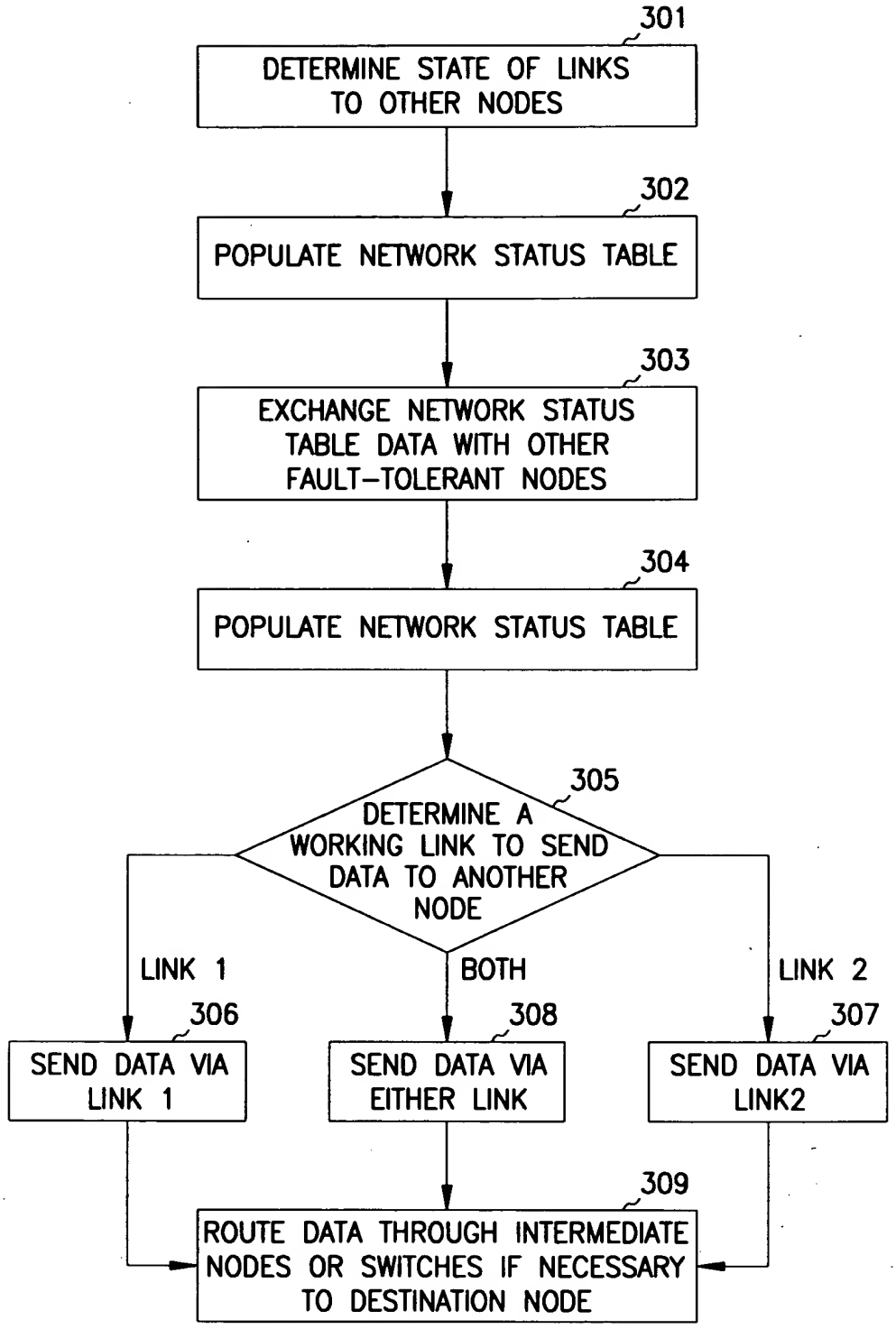
301
DETERMINE STATE OF LINKS TO OTHER NODES
302
POPULATE NETWORK STATUS TABLE
303
EXCHANGE NETWORK STATUS TABLE DATA WITH OTHER FAULT-TOLERANT NODES
304
POPULATE NETWORK STATUS TABLE
305
DETERMINE A WORKING LINK TO SEND DATA TO ANOTHER NODE
LINK 1
BOTH
LINK 2
306
SEND DATA VIA LINK 1
308
SEND DATA VIA EITHER LINK
307
SEND DATA VIA LINK2
309
ROUTE DATA THROUGH INTERMEDIATE NODES OR SWITCHES IF NECESSARY TO DESTINATION NODE

FIG. 3